9. Schematic Diagrams

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Note

For schematic Diagram
- Resistors are in ohms, 1/8W unless otherwise noted.
- Circled numbers refer to waveforms.

Special note :
Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the electrostatically sensitive (ES) devices section of this service manual.

Note :
Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

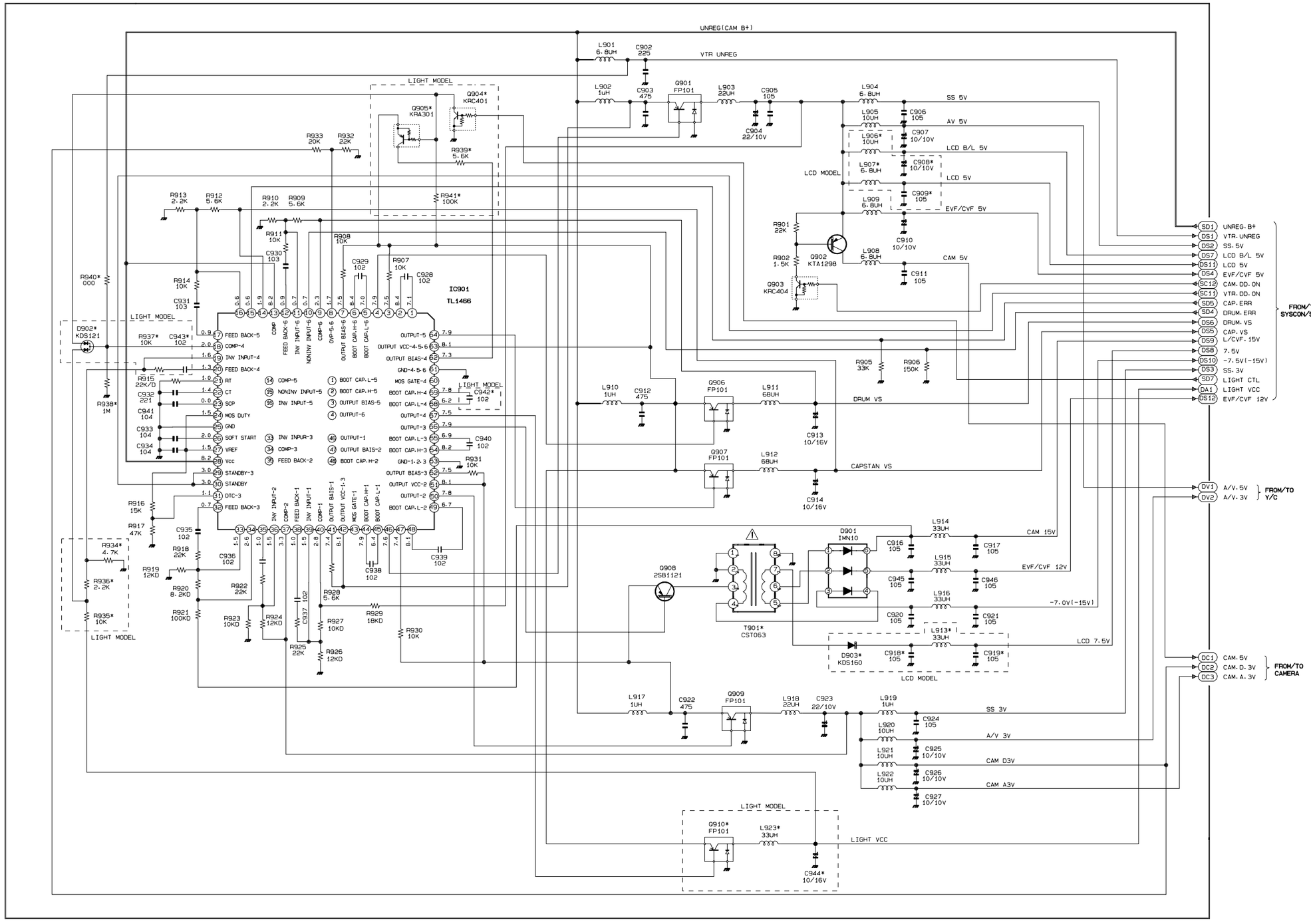
Important safety notices :
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components. Use only the same type.

OPTION LIST

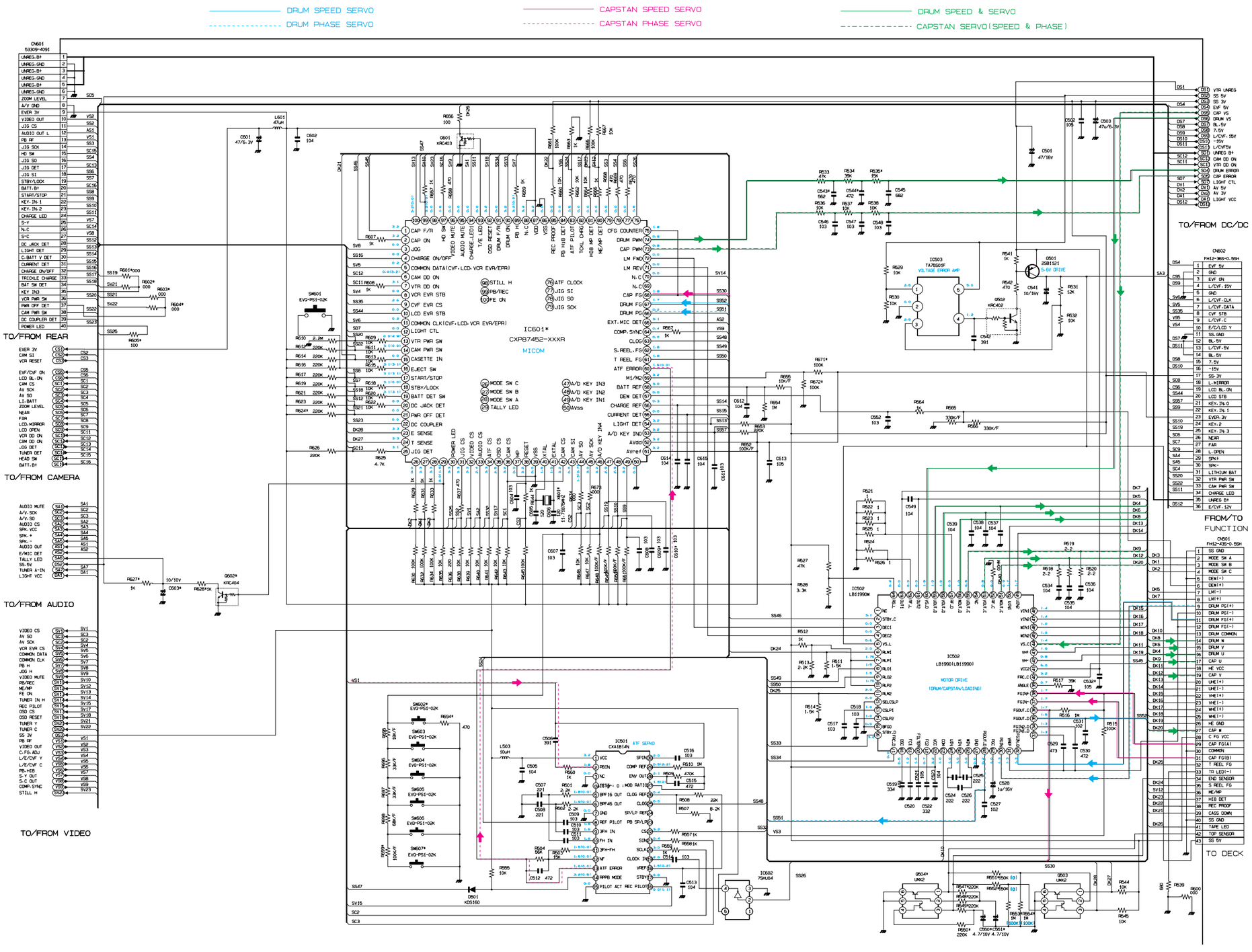
NO	LOC	VALUE(BASIC)	NORMAL SCL500	NORMAL SCL520	NORMAL SCL530	Hi8 SCL550	NORMAL VP-L500	NORMAL VP-L520	NORMAL VP-L530	NORMAL VP-L530B	Hi8 VP-L550	OPTION
1	C156	120,50V,*	O	O	O	-	X	X	X	X	-	NTSC
		150,50V,*	X	X	X	-	O	O	O	O	-	PAL
2	C201	120,50V,*	X	X	X	-	O	O	O	O	-	PAL
		150,50V,*	O	O	O	-	X	X	X	X	-	NTSC
3	C220	103,50V,*	-	-	-	X	-	-	-	-	X	TUNER
4	C223	103,50V,*	X	X	X	-	O	O	O	O	-	PAL
		471,50V,*	O	O	O	-	X	X	X	X	-	NTSC
5	C224	332,50V,*	X	X	X	-	O	O	O	O	-	PAL
		221,50V,*	O	O	O	-	X	X	X	X	-	NTSC
6	C231	120,50V,*	-	-	-	X	-	-	-	-	O	PAL
		150,50V,*	-	-	-	O	-	-	-	-	X	NTSC
7	C233	151,50V,*	O	O	O	-	-	-	-	-	-	NTSC
		820,50V,*	X	X	X	-	O	O	O	O	-	PAL
8	C249	103,50V,*	X	X	X	-	X	X	X	X	-	None
9	C250	103,50V,*	X	X	X	-	X	X	X	X	-	None
10	C251	103,50V,*	X	X	X	-	X	X	X	X	-	None
11	C252	103,50V,*	X	X	X	-	X	X	X	X	-	None
12	C263	103,50V,*	-	-	-	X	-	-	-	-	O	PAL
		221,50V,*	-	-	-	O	-	-	-	-	X	NTSC
13	C264	332,50V,*	-	-	-	-	-	-	-	-	O	PAL
		471,50V,*	-	-	-	O	-	-	-	-	X	NTSC
14	C281	470nF,25V,*	X	X	X	-	X	X	X	X	-	Normal
		680,50V,*	-	-	-	O	-	-	-	-	O	Hi8
15	C282	470nF,25V,*	X	X	X	-	X	X	X	X	-	None
16	C283	121,50V,*	-	-	-	O	-	-	-	-	O	NTSC/PAL
17	C543	472,50V,*	O	O	O	O	X	X	X	X	X	NTSC
		562,50V,*	X	X	X	X	O	O	O	O	O	PAL
18	C544	392,50V,*	O	O	O	O	X	X	X	X	X	NTSC
		472,50V,*	X	X	X	X	O	O	O	O	O	PAL
19	C550	4.7/10V*	O	O	O	O	O	O	O	O	O	BUFFER O
20	C551	4.7/10V*	O	O	O	O	O	O	O	O	O	BUFFER O
21	C603	10/10V,	X	X	X	X	X	X	X	X	X	None
22	C609	102,50V,*	O	O	O	O	O	O	O	O	O	M2
23	C610	102,50V,*	O	O	O	O	O	O	O	O	O	M2
24	C724	10/10V,	O	O	O	O	O	O	O	O	O	LCD-B&W
25	C725	47/6.3V,	O	O	O	O	O	O	O	O	O	LCD-B&W
26	C726	10/10V,	O	O	O	O	O	O	O	O	O	LCD-B&W
27	C727	0.68/25V,	O	O	O	O	O	O	O	O	O	LCD-B&W
28	C733	105,25V,*	X	X	X	X	X	X	X	X	X	None
29	C740	104,25V,*	X	X	X	X	X	X	X	X	X	None
30	C761	10/10V,	X	X	O	O	X	O	O	O	O	REMOCON O
31	C908	10/10V,	O	O	O	O	O	O	O	O	O	LCD-B&W
32	C909	105,25V,*	O	O	O	O	O	O	O	O	O	LCD-B&W
33	C918	105,25V,*	O	O	O	O	O	O	O	O	O	LCD-B&W
34	C919	105,25V,*	O	O	O	O	O	O	O	O	O	LCD-B&W
35	C942	102,50V,*	X	X	X	X	X	X	X	X	X	None
36	C943	102,50V,*	X	X	X	X	X	X	X	X	X	None
37	C944	10/16V,	X	X	X	X	X	X	X	X	X	None
38	CD03	22/10V,	X	X	O	O	X	X	O	O	O	DIS O
39	CD04	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
40	CD05	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
41	CD06	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
42	CD07	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
43	CD08	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
44	CD09	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
45	CD10	22/10V,	X	X	O	O	X	X	O	O	O	DIS O
46	CD11	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
47	CD12	105,25V,*	X	X	O	O	X	X	O	O	O	DIS O
48	CP64	220,50V,*	O	O	O	O	O	O	O	O	O	NORMAL
49	CP67	180,50V,*	X	X	X	X	O	O	O	O	O	PAL
		270,50V,*	O	O	O	O	X	X	X	X	X	NTSC
50	CP78	103,50V,*	O	O	O	O	O	O	O	O	O	LCD-B&W
51	CW01	104,25V,*	X	X	X	O	X	X	X	X	O	XDR O
52	CW02	10/10V,	X	X	X	O	X	X	X	X	O	XDR O
53	CW03	104,25V,*	X	X	X	O	X	X	X	X	O	XDR O
54	CW04	104,25V,*	X	X	X	O	X	X	X	X	O	XDR O
55	D902	85V,300mA,*	X	X	X	X	X	X	X	X	X	None
56	D903	KDS160,85V,*	O	O	O	O	O	O	O	O	O	LCD-B&W
57	IC281	NJM2249V,NONE,*	X	X	X	X	X	X	X	X	X	None
58	IC401	M35040-064FP,150mW,*	O	O	O	-	O	O	O	O	-	EXP
59	IC431	M35040-064FP,150mW,*	-	-	-	O	-	-	-	-	O	EXP
60	IC601	CXP874P60R-1,100P,*	X	X	X	X	O	O	O	O	O	PAL
		CXP874P60R-1,100P,*	O	O	O	O	X	X	X	X	X	NTSC
61	ICD01	KM416S1120,TSOP,*	X	X	O	O	X	X	O	O	O	DIS O
62	ICD02	KS7333,QFP,*	X	X	O	O	X	X	O	O	O	DIS O
63	ICD03	TC7S08FU,NONE,*	X	X	O	O	X	X	O	O	O	DIS O
64	ICW01	KS7332B,VQFP,*	X	X	X	O	X	X	X	X	O	XDR O
65	L281	10uH,5%,*	-	-	-	O	-	-	-	-	O	NTSC/PAL
66	L351	33uH,10%,*	X	X	X	X	X	X	X	X	X	None
67	L702	100uH,NONE,*	O	O	O	O	O	O	O	O	O	LCD-B&W
68	L906	10uH,10%,*	O	O	O	O	O	O	O	O	O	LCD-B&W
69	L907	6.8UH,NONE,*	O	O	O	O	O	O	O	O	O	LCD-B&W
70	L913	33uH,10%,*	O	O	O	O	O	O	O	O	O	LCD-B&W
71	L923	33UH,NONE,*	X	X	X	X	X	X	X	X	X	None
72	LD01	22uH,NONE,*	X	X	O	O	X	X	O	O	O	DIS O
73	LD02	22uH,10%,*	X	X	O	O	X	X	O	O	O	DIS O
74	Q220	UMX2,50V,*	-	-	-	X	-	-	-	-	X	Hi8
75	Q222	UMX2,50V,*	X	X	X	-	X	X	X	X	-	Normal
76	Q225	2SC4081,200mW,*	-	-	-	X	-	-	-	-	X	Hi8
77	Q241	KTA2014,100mW,*	-	-	-	X	-	-	-	-	X	Hi8
78	Q242	KRC404,100mW,*	-	-	-	X	-	-	-	-	X	Hi8
79	Q269	2SC4081,200mW,*	-	-	-	X	-	-	-	-	X	Hi8
80	Q283	2SC4081,200mW,*	X	X	X	-	X	X	X	X	-	Normal
81	Q353	KTA2014,100mW,*	X	X	X	-	X	X	X	X	-	Normal
82	Q354	KRC404,100mW,*	X	X	X	-	X	X	X	X	-	Normal
83	Q504	UMX2,50V,*	O	O	O	O	O	O	O	O	O	BUFFER O
84	Q602	KRC404,100mW,*	X	X	X	X	X	X	X	X	X	None
85	Q701	KTA1298,PNP,*	O	O	O	O	O	O	O	O	O	LCD-B&W
86	Q702	KRC402,100MW,*	X	X	X	O	O	O	O	O	O	LCD-B&W
87	Q761	100mW,47K/47Kohm,*	X	X	O	O	X	O	O	O	O	REMOCON O
88	Q762	2SC4081,200mW,*	X	X	O	O	X	O	O	O	O	REMOCON O
89	Q904	100mW,4.7K,*	X	X	X	X	X	X	X	X	X	None
90	Q905	100mW,4.7K,*	X	X	X	X	X	X	X	X	X	None
91	Q910	FP101,1.3W,*	X	X	X	X	X	X	X	X	X	None
92	QP07	2SB970R,200mW,*	O	O	O	O	O	O	O	O	O	LCD-B&W
93	R024	680,(1/16W),*	-	-	-	-	-	-	-	-	O	PAL
		3.3K,(1/16W),*	-	-	-	O	-	-	-	-	-	NTSC
94	R159	1.2K,(1/16W),*	O	O	O	-	X	X	X	X	-	NTSC
		750(1/16W),*	X	X	X	-	O	O	O	O	-	PAL
95	R162	330,(1/16W),*	X	X	X	-	O	O	O	O	-	PAL
		470,(1/16W),*	O	O	O	-	X	X	X	X	-	NTSC
96	R163	330,(1/16W),*	O	O	O	-	O	O	O	O	-	NTSC/PAL
97	R206	560,(1/16W),*	O	O	O	-	X	X	X	X	-	NTSC
		680,(1/16W),*	X	X	X	-	O	O	O	O	-	PAL
98	R211	3.3K,(1/16W),*	O	O	O	-	X	X	X	X	-	NTSC
		2.2K,(1/16W),*	X	X	X	-	O	O	O	O	-	PAL
99	R216	000,(1/16W),*	-	-	-	X	-	-	-	-	X	Hi8
100	R223	3.3K,(1/16W),*	-	-	-	X	-	-	-	-	X	Hi8
101	R225	15K,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
102	R226	10K,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
103	R230	1K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
104	R231	1.5K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal

			NORMAL			Hi8	NORMAL				Hi8	
NO	LOC	VALUE(BASIC)	SCL500	SCL520	SCL530	SCL550	VP-L500	VP-L520	VP-L530	VP-L530B	VP-L550	OPTION
105	R232	2.2K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
106	R233	1.5K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
107	R234	1K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
108	R235	000,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
109	R241	1K,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
110	R247	4.7K,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
111	R261	2.2K,(1/16W),*	-	-	-	X	-	-	-	-	O	PAL
		3.3K,(1/16W),*	-	-	-	O	-	-	-	-	X	NTSC
112	R268	5.6K,(1/16W),*	-	-	-	X	-	-	-	-	O	HI8
113	R269	10K,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
114	R270	470,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
115	R281	22K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
116	R282	18K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
117	R283	560,(1/16W),*	-	-	-	O	-	-	-	-	X	NTSC/PAL
118	R284	2.2K,(1/16W),*	-	-	-	O	-	-	-	-	O	NTSC/PAL
119	R292	1K,(1/16W),*	X	X	X	-	O	O	O	O	-	PAL
		820,(1/16W),*	O	O	O	-	X	X	X	X	-	NTSC
120	R297	2.2K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
121	R353	4.7K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
122	R354	1K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
123	R535	10K,(1/16W),*	O	O	O	O	X	X	X	X	X	NTSC
		15K,(1/16W),*	X	X	X	X	O	O	O	O	O	PAL
124	R547	220K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
125	R548	220K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
126	R549	220K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
127	R550	220K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
128	R551	150K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
129	R552	150K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
130	R553	1M,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
131	R554	1M,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
132	R601	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
133	R602	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
134	R603	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
135	R604	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
136	R605	100,(1/16W),*	X	X	X	X	X	X	X	X	X	None
137	R606	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
138	R624	220K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
139	R627	1K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
140	R628	1K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
141	R649	1M,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
142	R650	1M,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
143	R671	100K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
144	R672	100K,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
145	R694	470,(1/16W),*	X	X	X	X	X	X	X	X	X	None
146	R699	100K/F,(1/16W),*	X	X	X	X	X	X	X	X	X	None
147	R717	470,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
148	R718	1K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
149	R726	4.7K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
150	R735	1K,(1/16W),*	X	X	X	O	X	X	X	X	O	LCD-B&W
151	R744	10K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
152	R745	10K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
153	R761	10K,(1/16W),*	X	X	O	O	X	O	O	O	O	REMOCON O
154	R762	15K,(1/16W),*	X	X	O	O	X	O	O	O	O	REMOCON O
155	R763	47,(1/16W),*	X	X	O	O	X	O	O	O	O	REMOCON O
156	R906	100K,(1/16W),*	O	O	O	-	-	-	-	-	-	NTSC
		150K,(1/16W),*	-	-	-	-	O	O	O	O	-	PAL
157	R934	4.7K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
158	R935	10K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
159	R936	2.2K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
160	R937	10K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
161	R938	1M,(1/16W),*	X	X	X	X	X	X	X	X	X	None
162	R939	5.6K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
163	R940	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
164	R941	100K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
165	RD05	000,(1/16W),*	X	X	O	O	X	X	O	O	O	DIS O
166	RD51	10,1/16W,*	X	X	O	O	X	X	O	O	O	DIS O
167	RP100	000,(1/16W),*	X	X	X	O	X	X	X	X	O	B&W
168	RP101	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
169	RP102	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
170	RP103	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
171	RP104	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
172	RP105	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
173	RP106	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
174	RP107	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
175	RP108	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
176	RP109	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
177	RP110	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
178	RP111	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
179	RP112	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
180	RP113	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
181	RP114	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
182	RP115	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
183	RP116	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
184	RP117	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
185	RP118	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
186	RP119	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
187	RP120	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
188	RP130	100K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
189	RP131	100K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
190	RP141	100K,(1/16W),*	X	X	O	O	X	X	O	O	O	DIS O
191	RP142	1K,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
192	RP300	000,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
193	RP301	000,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
194	RP302	000,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
195	RP303	000,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
196	RP304	000,(1/16W),*	O	O	O	X	O	O	O	O	-	M2
197	RP66	100K,(1/16W),*	X	X	X	X	O	O	O	O	O	PAL
198	RP67	100K,(1/16W),*	X	X	X	O	X	X	X	X	O	HI8
199	RP68	1K,(1/16W),*	O	O	O	O	X	X	X	X	X	NTSC
200	RP69	1K,(1/16W),*	O	O	O	X	O	O	O	O	X	NORMAL
201	RP98	12K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
202	RP99	12K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
203	RW01	4.3,(1/10W),*	X	X	X	O	X	X	X	X	O	XDR O
204	SW601	SWITCH-TACT,12V,*	O	O	O	X	O	O	O	O	X	M2
205	SW602	SWITCH-TACT,12V,*	X	X	X	X	X	X	X	X	X	None
206	SW603	SWITCH-TACT,12V,*	O	O	O	X	O	O	O	O	X	M2
207	SW604	SWITCH-TACT,12V,*	O	O	O	X	O	O	O	O	X	M2
208	SW605	SWITCH-TACT,12V,*	O	O	O	X	O	O	O	O	X	M2
209	SW606	SWITCH-TACT,12V,*	O	O	O	X	O	O	O	O	X	M2
210	SW607	SWITCH-TACT,12V,*	X	X	X	X	X	X	X	X	X	None
211	T901	TRANS,CST063(M1),*	O	O	O	O	O	O	O	O	O	LCD-B&W
212	X601	11.71875MHZ,NONE,*	X	X	X	X	O	O	O	O	O	PAL
		11.895104MHZ,NONE,*	O	O	O	O	X	X	X	X	X	NTSC
213	XP01	28.375MHZ,NONE,*	X	X	X	X	O	O	O	O	O	PAL
		28.63636MHZ,NONE,*	O	O	O	O	X	X	X	X	X	NTSC

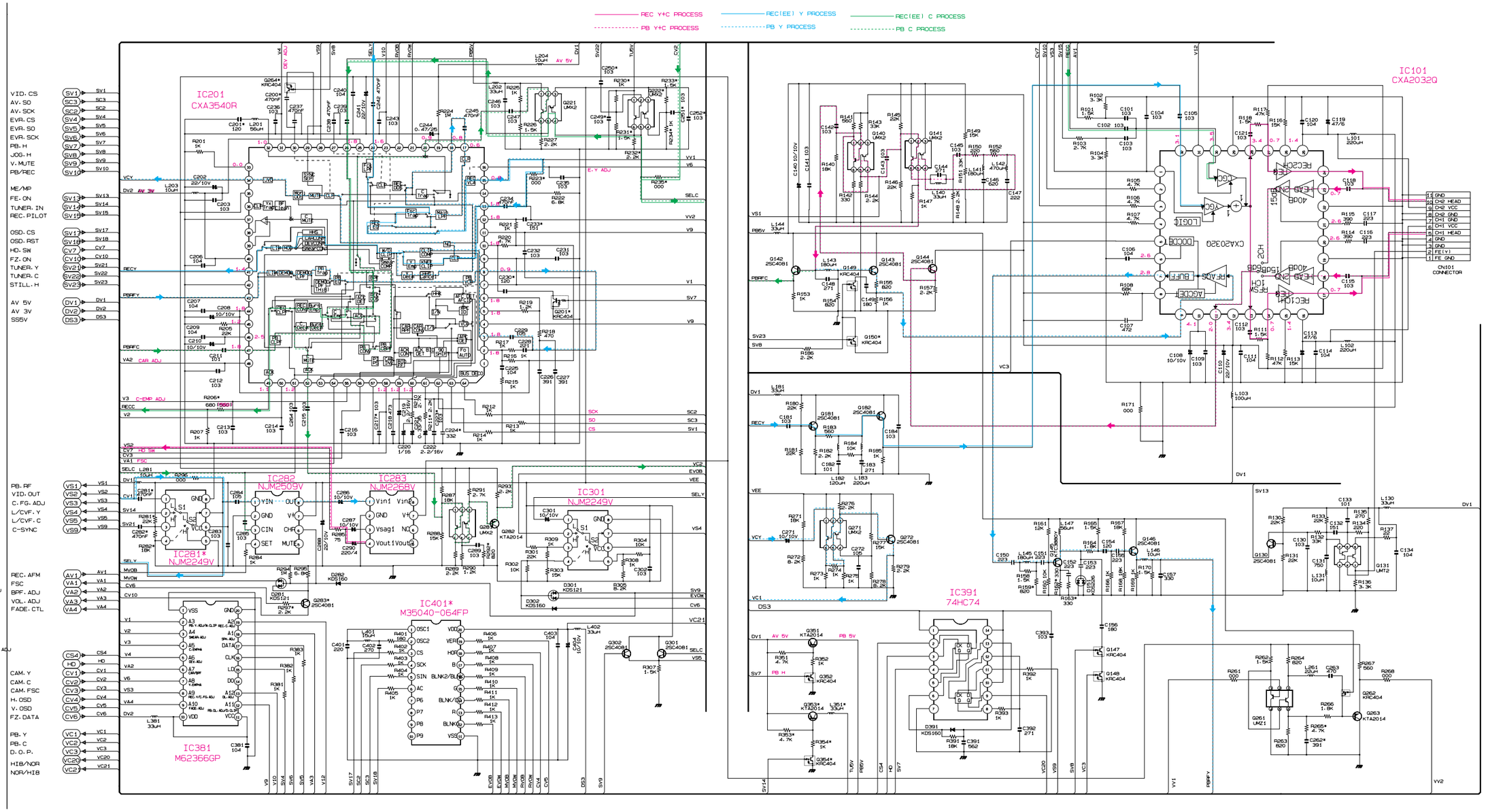
9-1 DC/DC Converter (Main)



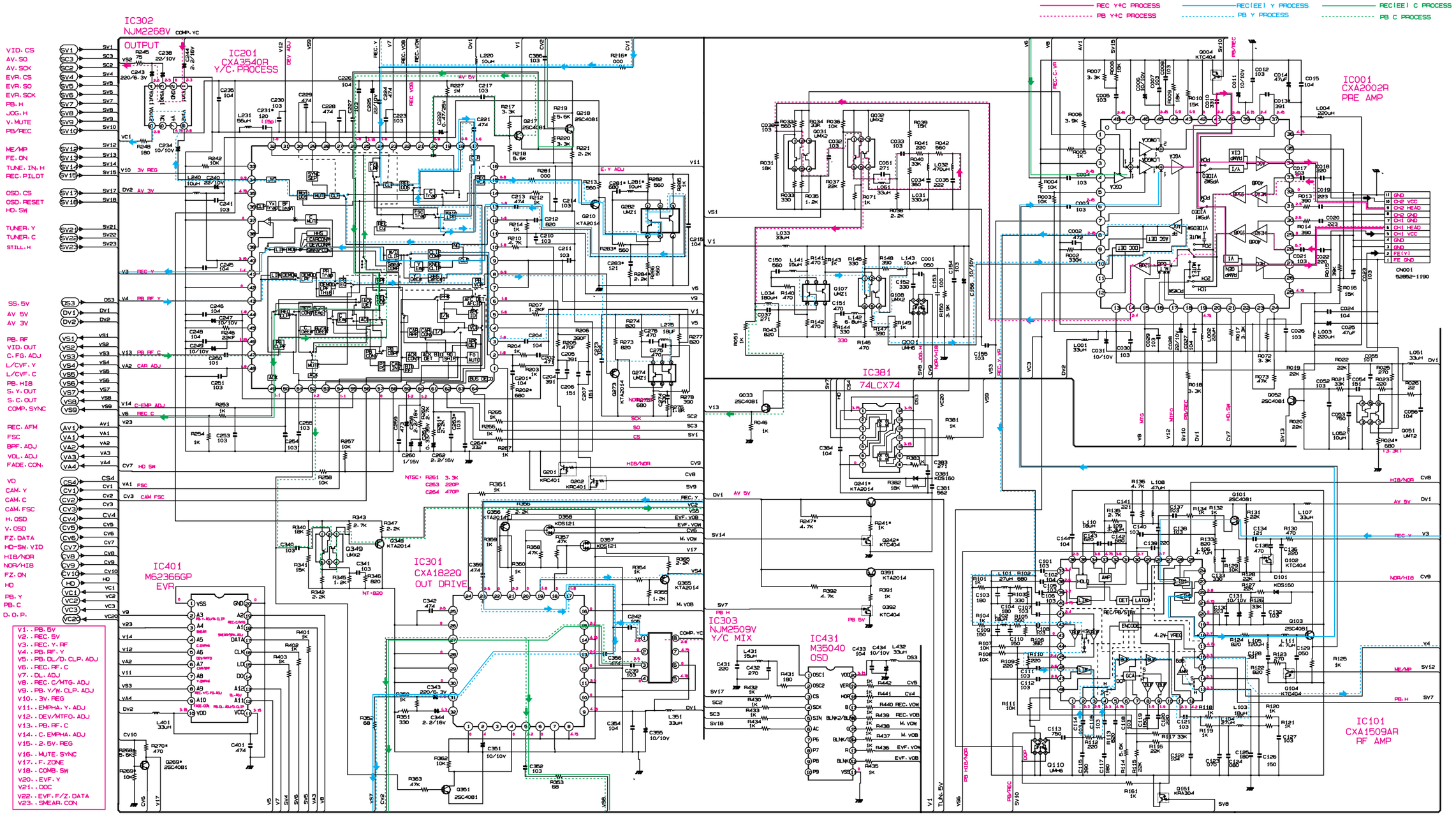
9-2 System Control/Servo (Main)



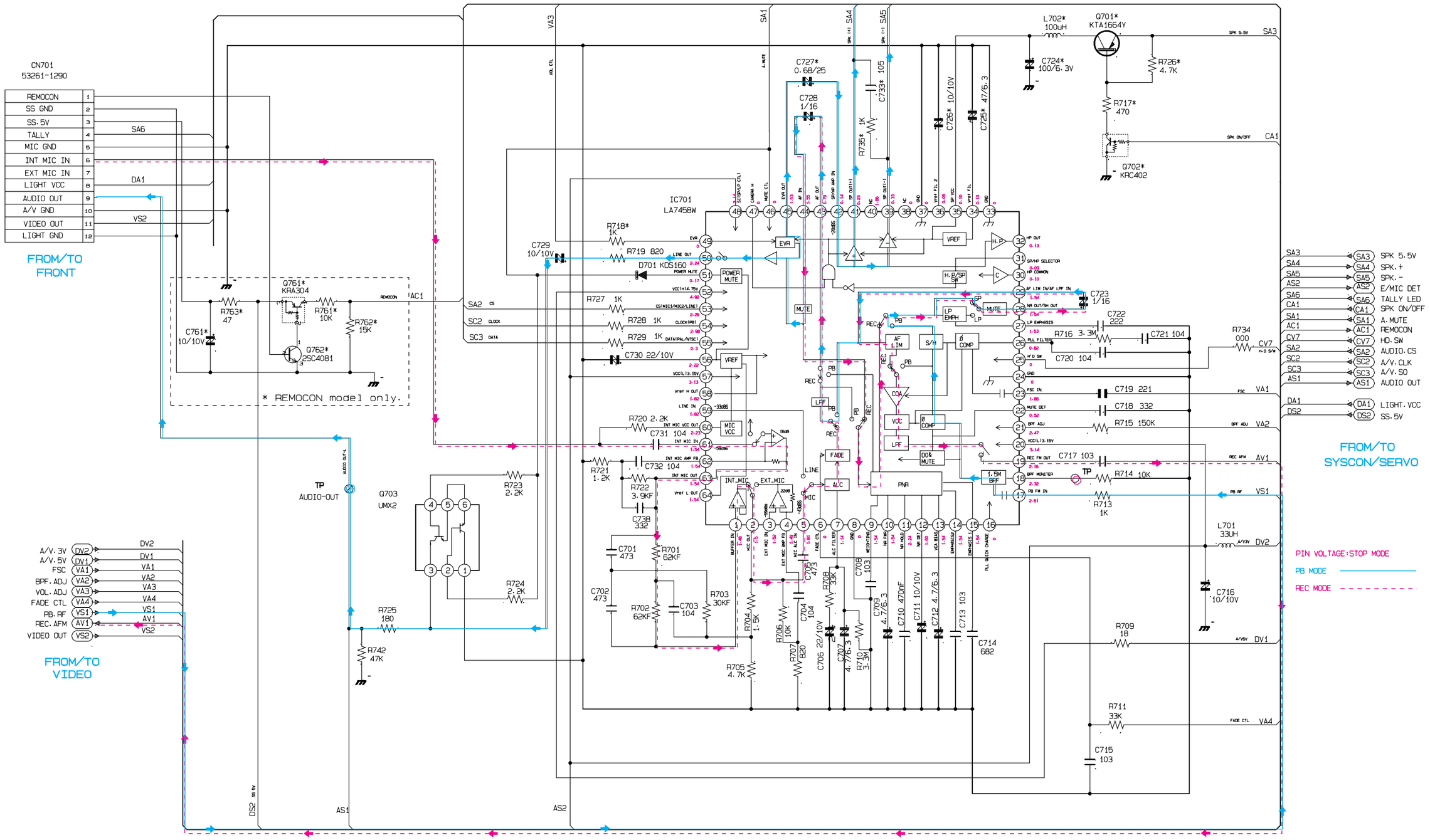
9-3 Video (Normal) (Main)



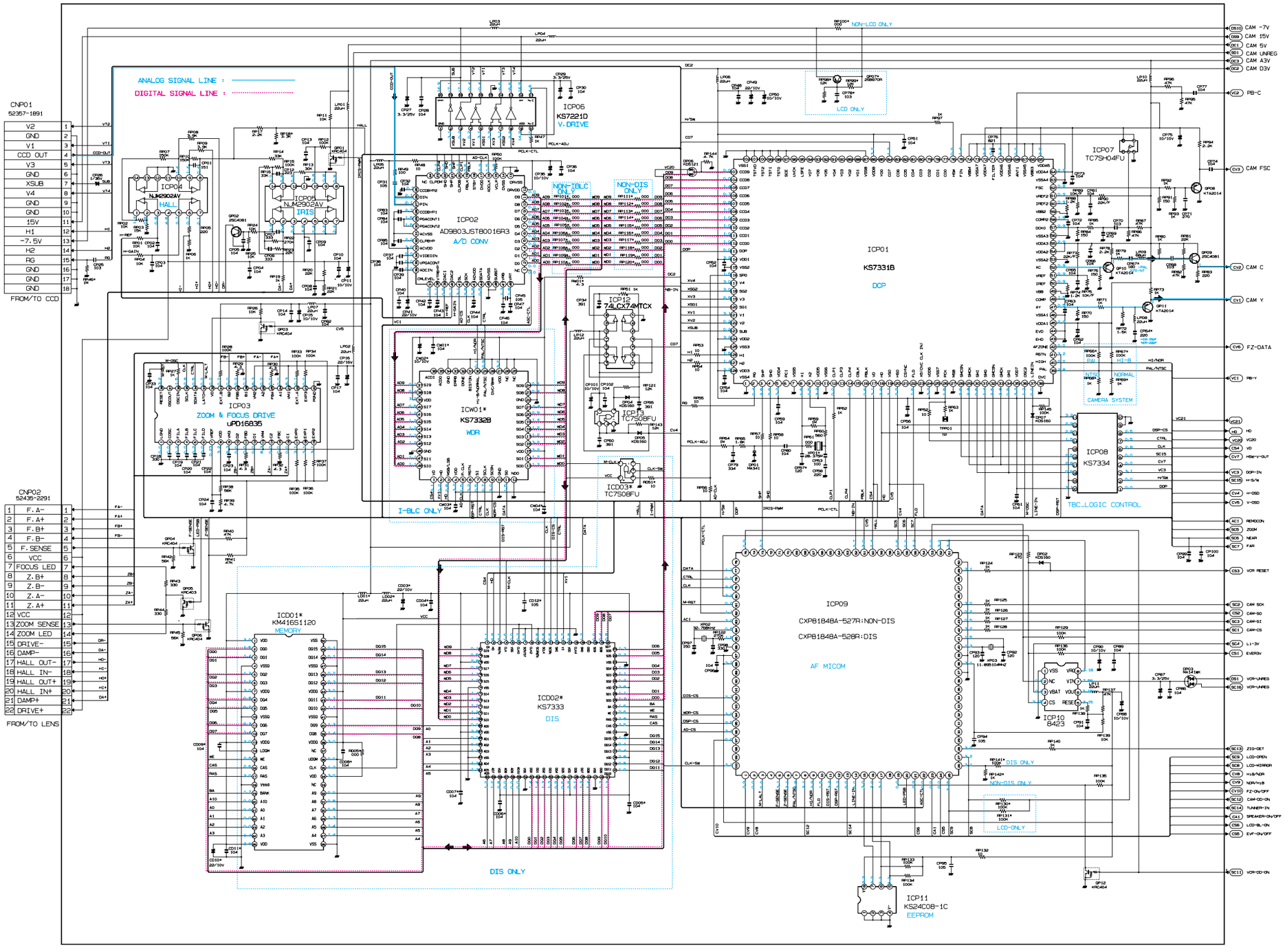
9-4 Video (Hi8) (Main)



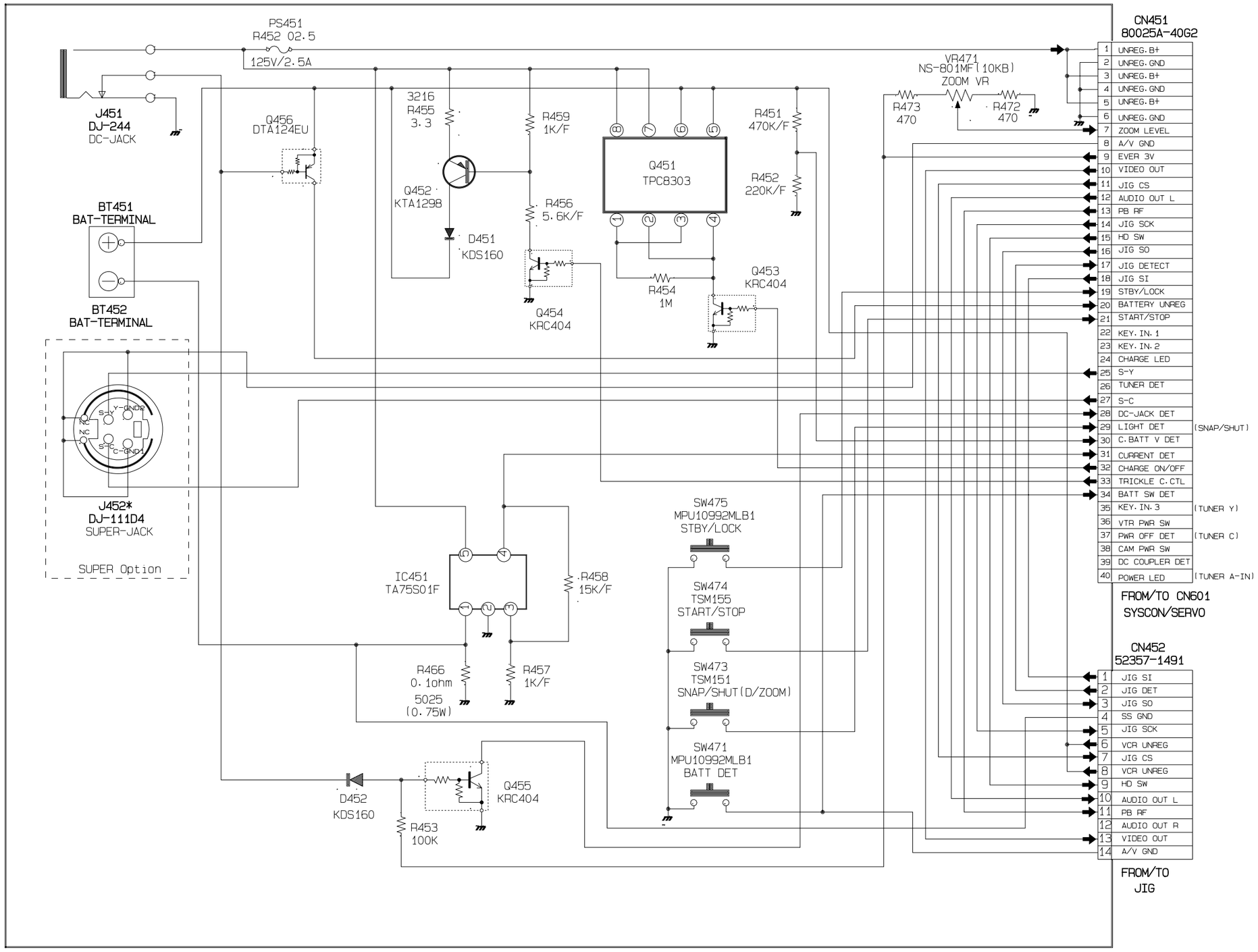
9-5 Audio (Main)



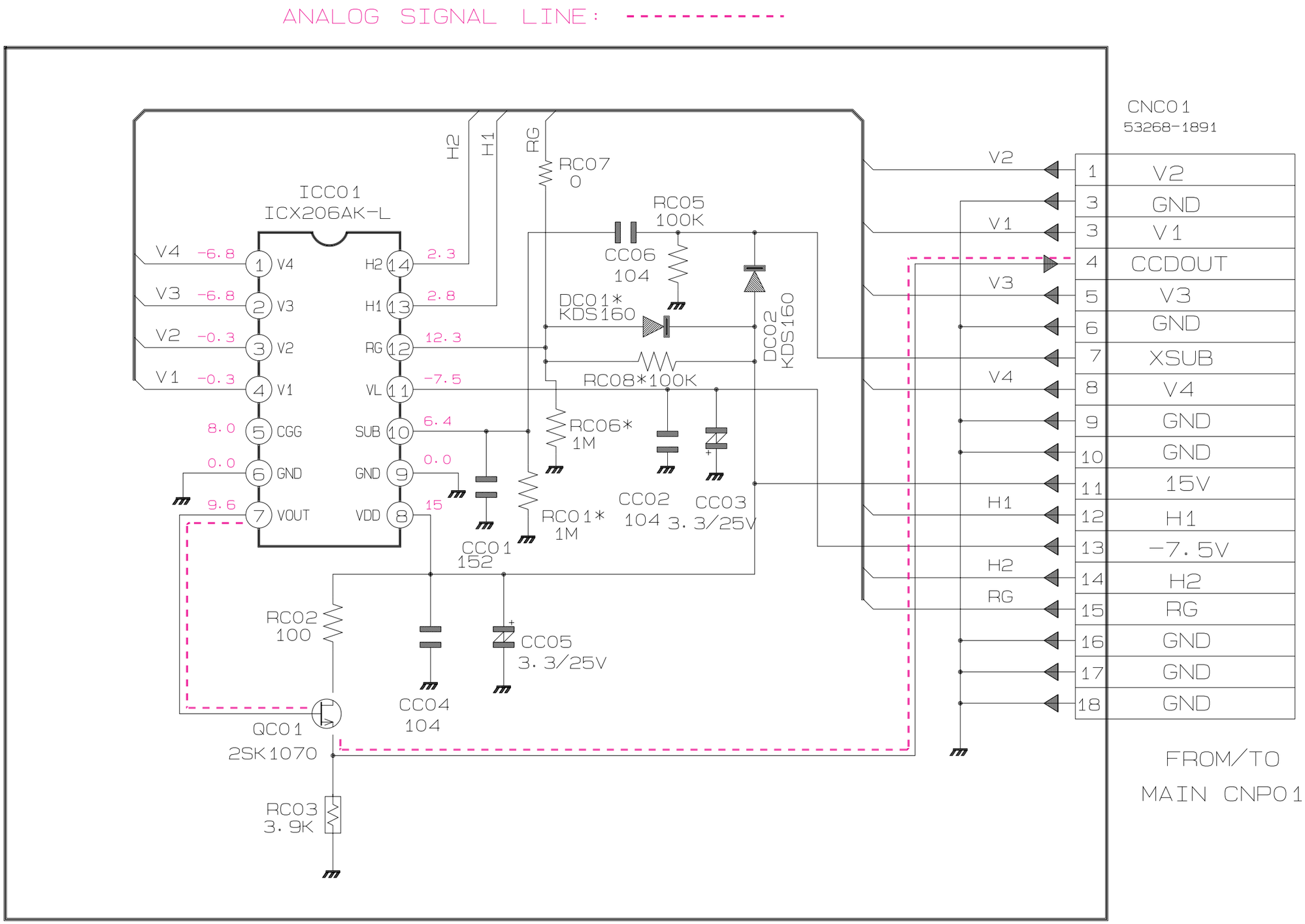
9-6 Camera (Main)



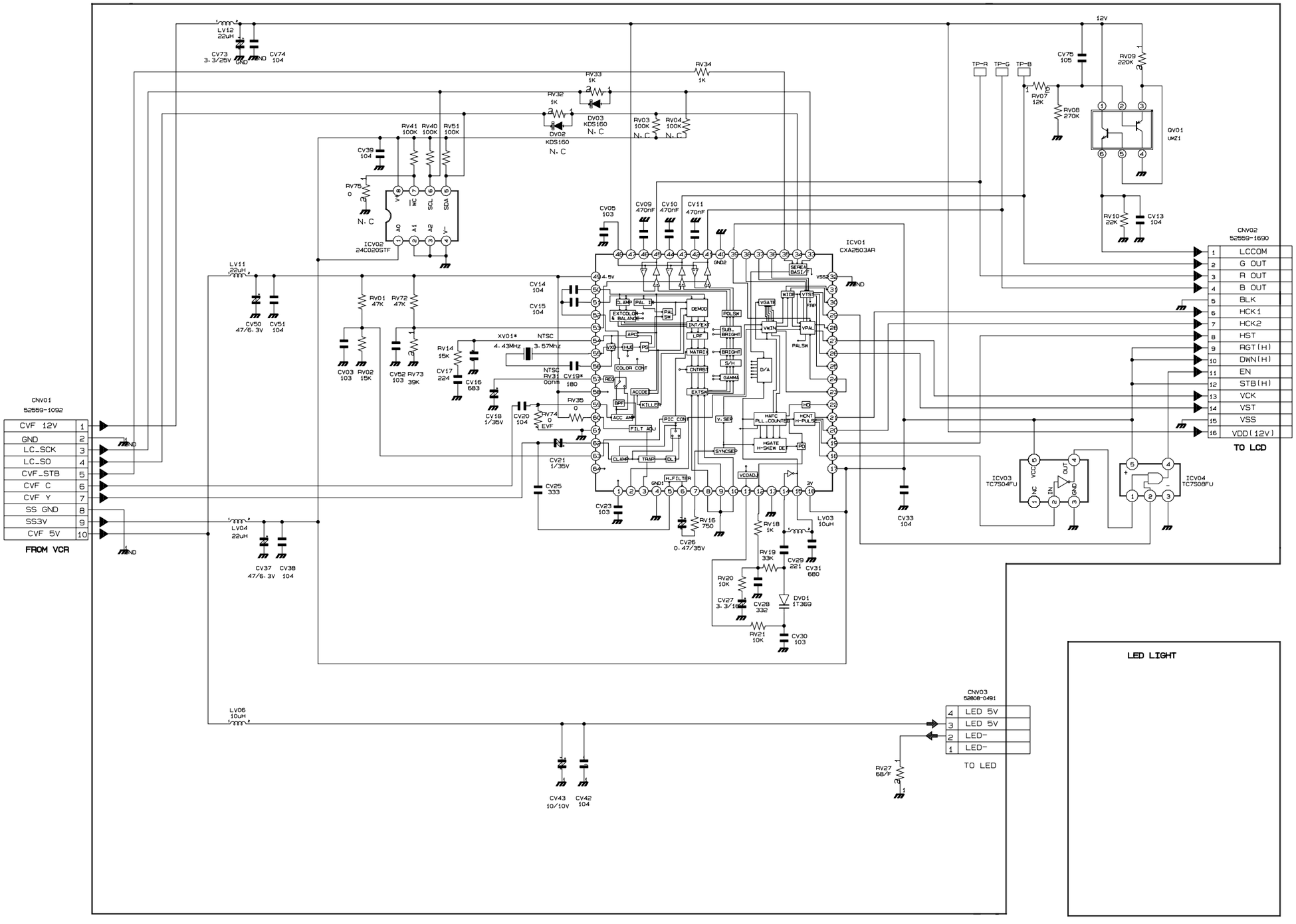
9-7 Rear


PS451
R452 02.5
125V/2.5A
J451
DJ-244
DC-JACK
Q456
DTA124EU
3216
R455
3.3
R459
1K/F
Q452
KTA1298
R456
5.6K/F
D451
KDS160
Q454
KRC404
Q451
TPC8303
R451
470K/F
R452
220K/F
R454
1M
Q453
KRC404
VR471
NS-801MF(10KB)
ZOOM VR
R473
470
R472
470
BT451
BAT-TERMINAL
BT452
BAT-TERMINAL
J452*
DJ-111D4
SUPER-JACK
SUPER Option
IC451
TA75S01F
R458
15K/F
R466
0.1ohm
5025
(0.75W)
R457
1K/F
D452
KDS160
Q455
KRC404
R453
100K
SW475
MPU10992MLB1
STBY/LOCK
SW474
TSM155
START/STOP
SW473
TSM151
SNAP/SHUT(D/ZOOM)
SW471
MPU10992MLB1
BATT DET
CN451
80025A-40G2
1 UNREG.B+
2 UNREG.GND
3 UNREG.B+
4 UNREG.GND
5 UNREG.B+
6 UNREG.GND
7 ZOOM LEVEL
8 A/V GND
9 EVER 3V
10 VIDEO OUT
11 JIG CS
12 AUDIO OUT L
13 PB RF
14 JIG SCK
15 HD SW
16 JIG SO
17 JIG DETECT
18 JIG SI
19 STBY/LOCK
20 BATTERY UNREG
21 START/STOP
22 KEY.IN.1
23 KEY.IN.2
24 CHARGE LED
25 S-Y
26 TUNER DET
27 S-C
28 DC-JACK DET
29 LIGHT DET (SNAP/SHUT)
30 C.BATT V DET
31 CURRENT DET
32 CHARGE ON/OFF
33 TRICKLE C.CTL
34 BATT SW DET
35 KEY.IN.3 (TUNER Y)
36 VTR PWR SW
37 PWR OFF DET (TUNER C)
38 CAM PWR SW
39 DC COUPLER DET
40 POWER LED (TUNER A-IN)
FROM/TO CN601
SYSCON/SERVO
CN452
52357-1491
1 JIG SI
2 JIG DET
3 JIG SO
4 SS GND
5 JIG SCK
6 VCR UNREG
7 JIG CS
8 VCR UNREG
9 HD SW
10 AUDIO OUT L
11 PB RF
12 AUDIO OUT R
13 VIDEO OUT
14 A/V GND
FROM/TO
JIG

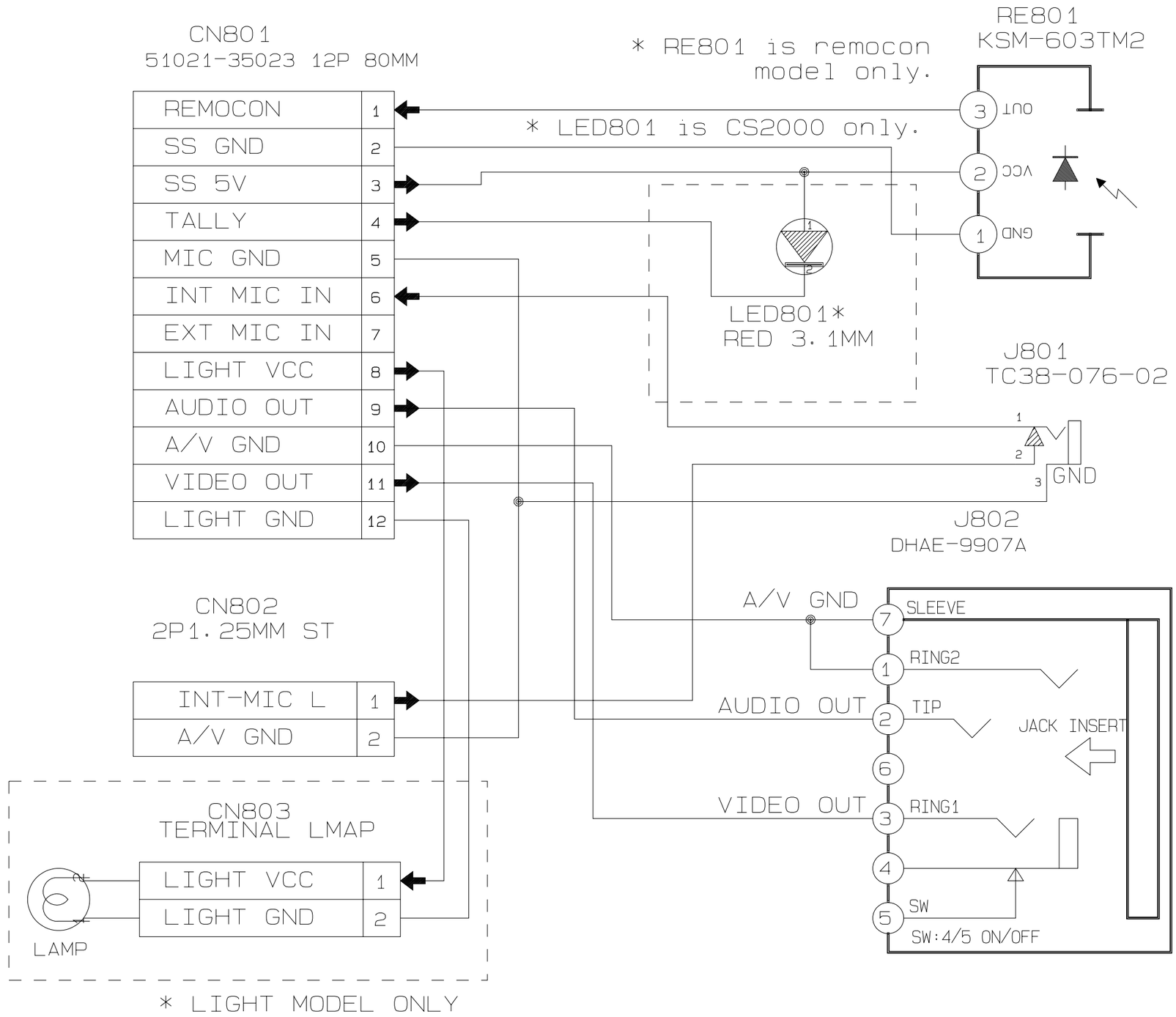
9-8 CCD


ANALOG SIGNAL LINE: ----------
ICC01
ICX206AK-L
V4 -6.8 1 V4
V3 -6.8 2 V3
V2 -0.3 3 V2
V1 -0.3 4 V1
8.0 5 CGG
0.0 6 GND
9.6 7 VOUT
H2 14 2.3
H1 13 2.8
RG 12 12.3
VL 11 -7.5
SUB 10 6.4
GND 9 0.0
VDD 8 15
RC07 0
RC05 100K
CC06 104
DC01* KDS160
DC02 KDS160
RC08*100K
RC06* 1M
RC01* 1M
CC01 152
CC02 104
CC03 3.3/25V
RC02 100
CC04 104
CC05 3.3/25V
QC01 2SK1070
RC03 3.9K
CNC01
53268-1891
1 V2
3 GND
3 V1
4 CCDOUT
5 V3
6 GND
7 XSUB
8 V4
9 GND
10 GND
11 15V
12 H1
13 -7.5V
14 H2
15 RG
16 GND
17 GND
18 GND
FROM/TO
MAIN CNP01

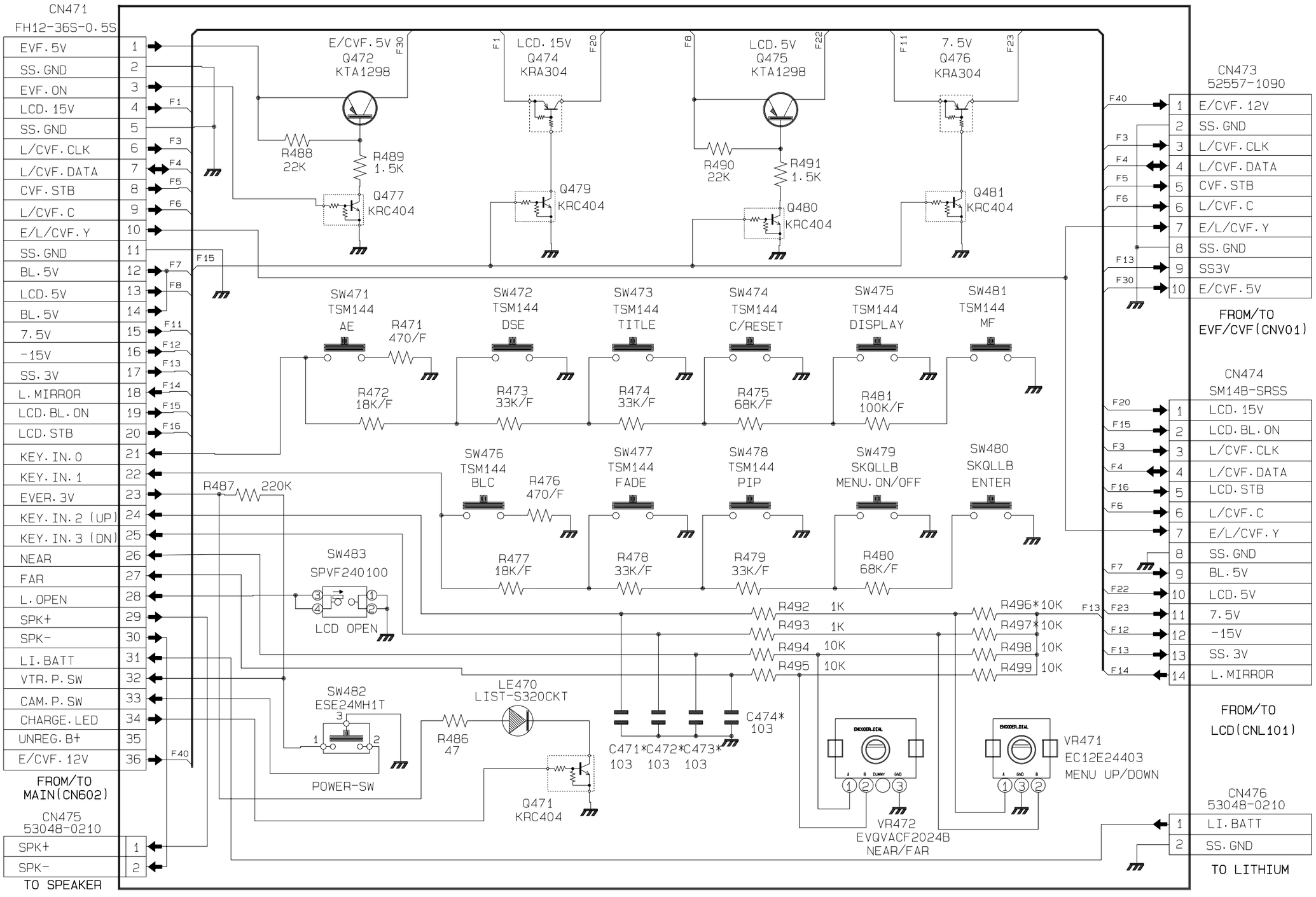
9-9 CVF


CNV01
52559-1092
CVF 12V
GND
LC_SCK
LC_SO
CVF_STB
CVF C
CVF Y
SS GND
SS3V
CVF 5V
FROM VCR
ICV01
CXA2503AR
ICV02
24C020STF
CNV02
52559-1690
LCCOM
G OUT
R OUT
B OUT
BLK
HCK1
HCK2
HST
RGT(H)
DWN(H)
EN
STB(H)
VCK
VST
VSS
VDD(12V)
TO LCD
ICV03
TC7S04FU
ICV04
TC7S08FU
QV01
UMZ1
LED LIGHT
CNV03
52808-0491
LED 5V
LED 5V
LED-
LED-
TO LED

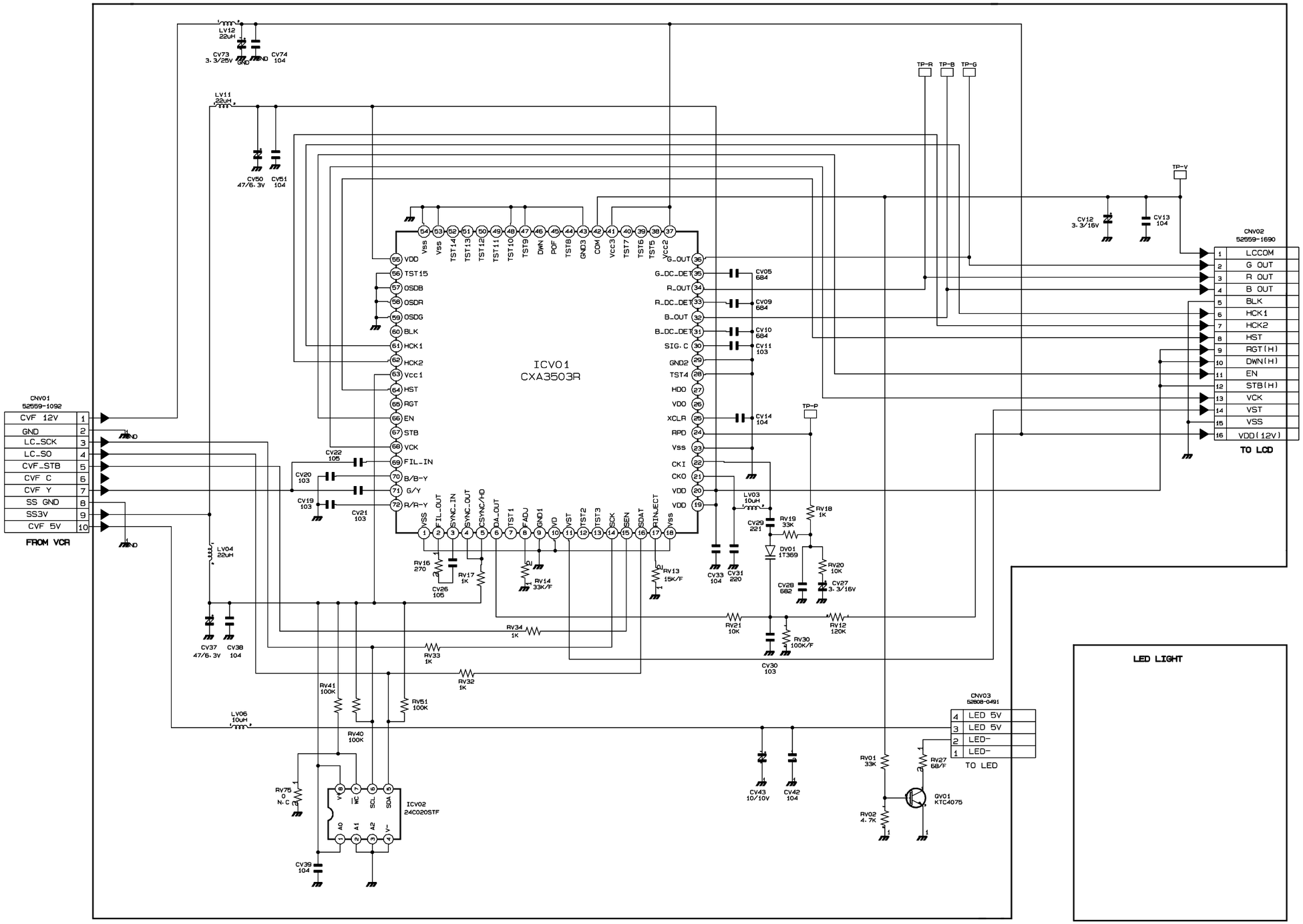
9-10 Front


CN801
51021-35023 12P 80MM
REMOCON 1
SS GND 2
SS 5V 3
TALLY 4
MIC GND 5
INT MIC IN 6
EXT MIC IN 7
LIGHT VCC 8
AUDIO OUT 9
A/V GND 10
VIDEO OUT 11
LIGHT GND 12
* RE801 is remocon model only.
RE801
KSM-603TM2
OUT 3
VCC 2
GND 1
* LED801 is CS2000 only.
LED801*
RED 3.1MM
J801
TC38-076-02
1
2
3 GND
J802
DHAE-9907A
A/V GND
AUDIO OUT
VIDEO OUT
7 SLEEVE
1 RING2
2 TIP
6
3 RING1
4
5 SW
JACK INSERT
SW:4/5 ON/OFF
CN802
2P1.25MM ST
INT-MIC L 1
A/V GND 2
CN803
TERMINAL LMAP
LIGHT VCC 1
LIGHT GND 2
LAMP
* LIGHT MODEL ONLY

9-11 Function



9-12 EVF


ICV01
CXA3503R
CNV01
52559-1092
CVF 12V
GND
LC_SCK
LC_SO
CVF_STB
CVF C
CVF Y
SS GND
SS3V
CVF 5V
FROM VCR
CNV02
52559-1690
LCCOM
G OUT
R OUT
B OUT
BLK
HCK1
HCK2
HST
RGT(H)
DWN(H)
EN
STB(H)
VCK
VST
VSS
VDD(12V)
TO LCD
CNV03
52808-0491
LED 5V
LED 5V
LED-
LED-
TO LED
LED LIGHT
ICV02
24C020STF
QV01
KTC4075
DV01
1T369
TP-R
TP-B
TP-G
TP-V
TP-P